

New Paradigms for Wearability with the Tandem Mobi System

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Background

Lack of wearability options is a top cited barrier to insulin pump therapy. A new tubed insulin pump, Tandem Mobi, has a very small footprint (2 x 1.5 x .5 inches), optional 5-inch tubing, and an adhesive sleeve for on-body wear, in addition to traditional wear options. Here we qualitatively assess feedback from early users, specifically to understand new options for wearing the system.

Methods

Adults (18+ years) with type 1 diabetes participated in an early product launch, October-December 2023 (n=145), and

wore the Tandem Mobi for >6 weeks (prior therapy = 83% Tandem t:slim X2, 12% other pumps, 5% multiple daily injections). Daily surveys were sent for open-ended user experience feedback. A total of 309 verbatim comments on the topic of wearability were received and analyzed.

Results

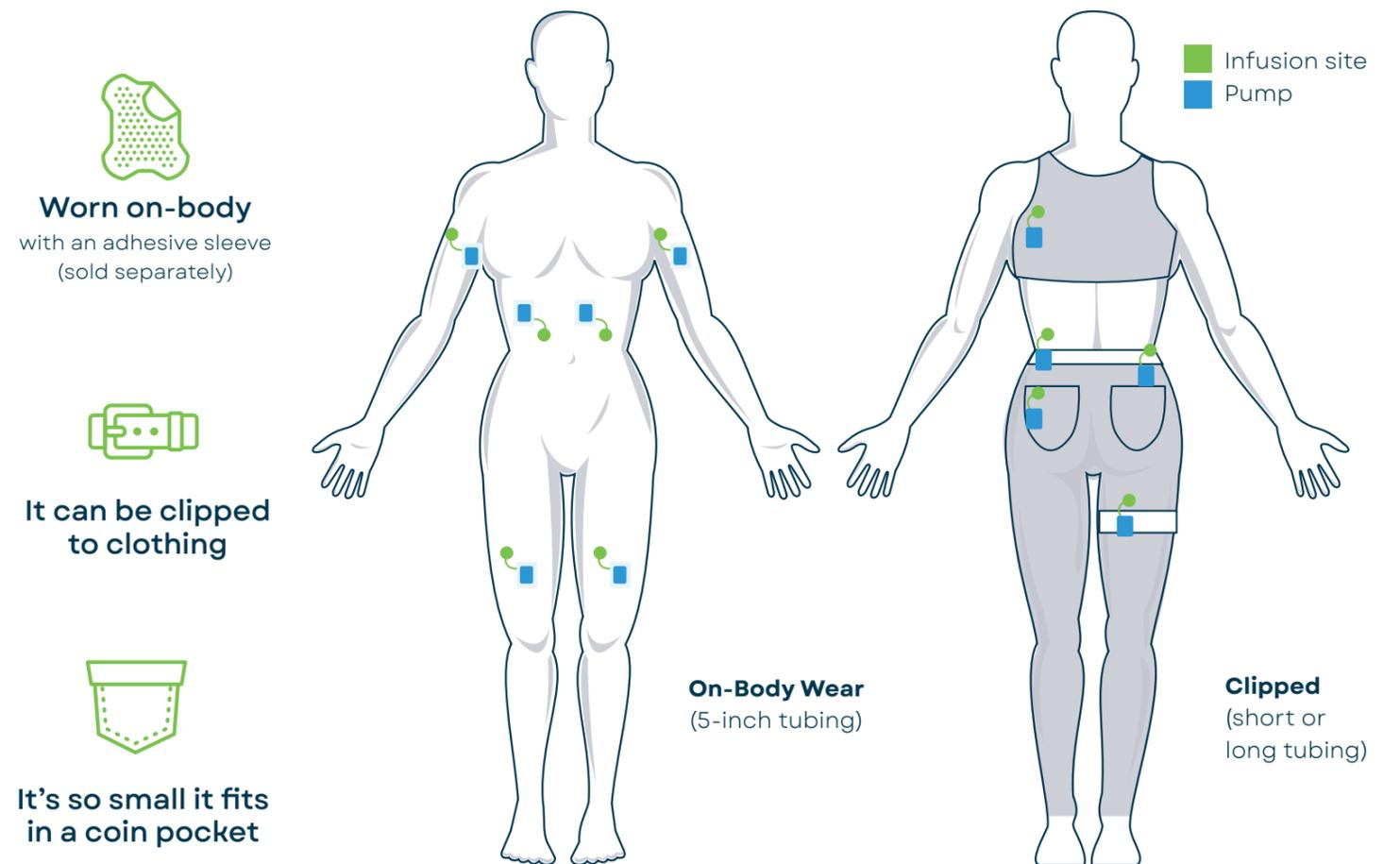
102 adults using Tandem Mobi responded to surveys. 57 participants commented on using the adhesive sleeve with 5-inch tubing for on-body wear (figure). Other wear options mentioned included using pump case attached to clothing or tucking into a pocket or bra. 15%

of respondents mentioned the Tandem Mobi wearability allowed them to “forget they are wearing a pump.”

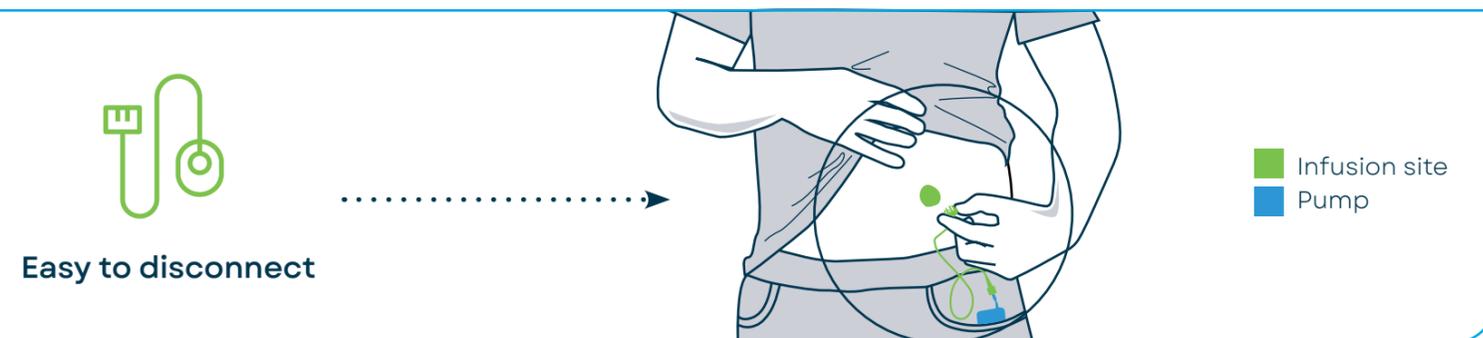
Conclusion

The on-body wear of Tandem Mobi combined with the ability to disconnect presents a new paradigm for pump wearability. Users cited the convenience of a patch pump with the utility of a tubed pump, potentially reducing barriers to insulin pump therapy by increasing optionality.

Wearability Options with Tandem Mobi



Do not wear or place your pump more than 12 inches (30.5 cm) above your infusion site. Doing so may result in over delivery of insulin.



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